



PLANT MATERIAL NOTE:
 1. All plants comply with the "Longbow Business Park" Design Guidelines.
 2. All plant material should conform to the Arizona Nurseryman Association standards.



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY	COMMENTS	QTY	Off Course Edge	Building Landscape	Parking Lot	Longbow Parkway
TREES										
(+)	Existing Tree (To Remain)			7		706 SF Each 4,942 SF Total				
(*)	Acacia Aneura	Mulga	24" Box	18	Std Trunk Dense Canopy	314 SF Each 5,652 SF Total	x			
(*)	Cercidium praecox	Palo Brea	24" Box	11	Std Trunk Dense Canopy	706 SF Each 7,766 SF Total	x	x	x	
(*)	Chilopsis linearis	Desert Willow	15 Gal	11	Multi-Trunk Dense Canopy	314 SF Each 3,454 SF Total	x	x	x	
(*)	Olneya tesota	Ironwood Tree	24" Box	16	Multi-Trunk Dense Canopy	490 SF Each 7,840 SF Total	x	x	x	x
(*)	Olneya tesota	Ironwood Tree	36" Box	2	Multi-Trunk Dense Canopy	490 SF Each 980 SF Total	x	x	x	x
(*)	Prosopis velutina 'Rio Salado'	'Rio Salado' Native Mesquite	24" Box	16	Multi-Trunk Dense Canopy	706 SF Each 11,296 SF Total	x	x	x	x
Mesa Trees are Cool Calculation						Total Canopy Area: 41,930 SF				
						Site Area: 146,801 SF				
						Tree Canopy % of Site Area: 29%				
ACCENTS										
(*)	Aloe barbadensis	Medicinal Aloe	5-Gal	29	Yellow Flower		x	x	x	x
(*)	Dasyliion wheeleri	Desert Spoon	5-Gal	23	As Per Plan		x	x	x	x
(*)	Fouquieria splendens	Ocotillo	15-Gal	7	As Per Plan		x	x	x	x
(*)	Hesperaloe parviflora	Red Yucca	5-Gal	24	As Per Plan		x	x	x	x
GRASSES										
(*)	Muhlenbergia capillaris	Regal Mist Grass	5-Gal	207	As Per Plan		x	x	x	x
SMALL SHRUBS										
(*)	Ambrosia deltoidea	Bursage	5-Gal	9	As Per Plan		x	x	x	x
(*)	Encelia farinosa	Brittlebush	5-Gal	30	As Per Plan		x	x	x	x
(*)	Justicia spicigera	Mexican Honeysuckle	5-Gal	24	As Per Plan		x	x	x	x
(*)	Ruellia peninsularis	Baja Ruellia	5-Gal	189	As Per Plan		x	x	x	x
TALL SHRUBS										
(*)	Caesalpinia mexicana	Mexican Bird of Paradise	5-Gal	14	As Per Plan		x	x	x	x
(*)	Dodonaea viscosa	Hopseed Bush	5-Gal	39	As Per Plan		x	x	x	x
(*)	Larrea tridentata	Cresote Bush	5-Gal	13	As Per Plan		x	x	x	x
(*)	Leucophyllum frutescens 'Compacta'	Texas Sage	5-Gal	106	As Per Plan		x	x	x	x
GROUND COVERS										
(*)	Acacia 'Desert Carpet'	Desert Carpet Acacia	1-Gal	37	As Per Plan		x	x	x	x
(*)	Lantana montevidensis	Purple Lantana	1-Gal	47	As Per Plan		x	x	x	x
(*)	Lantana 'New Gold'	'New Gold' Lantana	1-Gal	16	As Per Plan		x	x	x	x
PERENNIAL WILDFLOWERS										
(*)	Hymenoxys acutilis	Angelita Daisy	1-Gal	3	As Per Plan		x	x	x	x
(*)	Penstemon parryii	Parry's Penstemon	1-Gal	9	As Per Plan		x	x	x	x
(*)	Ruellia Brittonia 'Katie'	'Katie' Ruellia	1-Gal	26	As Per Plan		x	x	x	x
MISCELLANEOUS										
DG	Decomposed Granite - (Size: 1/2" Screened - Color: 'Desert Gold') 2" depth in all planting areas (typ)									
STABILIZED DG	Stabilized Decomposed Granite - (Size: 1/4" Minus - Color: 'Desert Gold') 3" compacted min. depth (with 1/2" x 8" deep steel plate edge on both sides of path)									

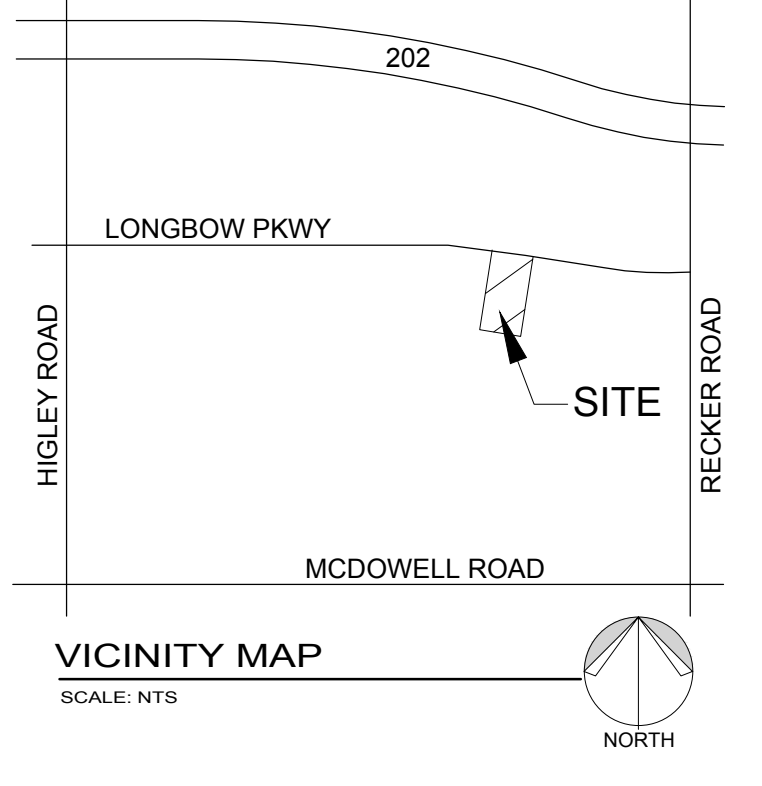
CITY OF MESA LS REQUIREMENTS

	REQUIRED	PROVIDED
RIGHT OF WAY (LONGBOW PKWY) - 294 LN FT. TREES SHRUBS	1 Tree/6 Shrubs per 25 LF 12 72	7 EX & 8 NEW 74
PARKING LOT ISLAND TREES SHRUBS 36" BOX TREES	1 Tree/6 Shrubs per 8 Spaces 17 102 2	37 245 2
HOTEL BUILDING 816' TREES SHRUBS 36" BOX	1 Tree per 50 LF 17 2	19 2
LANDSCAPE FOR WALLS VISIBLE FROM PARKING	33% OF EXTERIOR WALL	94% OF EXT. WALL
OPEN SPACE AREA (NON PARKING, PERIMETER OR STREETS) 13,985 SQ FT	REQUIRED 6,992.5 = 50%	PROVIDED 7,400 = 53%
PLANT MATERIALS		
EVERGREEN TREES	3	100 SQ FT 300 SQ FT
SHADE TREES	13	50 SQ FT 650 SQ FT
LARGE SHRUB	41	50 SQ FT 2,050 SQ FT
MEDIUM SHRUB	114	25 SQ FT 2,850 SQ FT
EVERGREEN GROUND COVER	62	25 SQ FT 1,550 SQ FT
		GRAND TOTAL 7,400 SQ FT

- NOTES**
- 25% OF TREES REQUIRED IN R.O.W. SHOULD BE 36" BOX OR LARGER, WITH A MINIMUM OF 50% OF REQUIRED TREES BEING 24" BOX. NO TREES SMALLER THAN 15 GALLON.
 - 10% OF TREES REQUIRED IN PARKING ISLANDS & FOUNDATION PLANTING AREAS NEED TO BE 36" BOX WITH THE BALANCE BEING AT LEAST 24" BOX.
 - 50% OF TREES REQUIRED IN PERIMETER LANDSCAPE AREAS TO BE 24" BOX WITH THE BALANCE BEING 15 GALLON.
 - 50% OF ALL REQUIRED SHRUBS TO BE 5 GALLON WITH NO SHRUBS LESS THAN 1 GALLON.
- Additional Note:
 *(2) ADDITIONAL 24" BOX TREES SUBSTITUTED FOR (4) 15 GALLON TREES
 *(3) 24" BOX SUBSTITUTED FOR (6) 15 GALLON TREES

Mesa Note:

- The landscape shall utilize a "NATURAL" maintenance program in accordance with the best management practice of the landscaping industry. 11-33-2(I)4
- Required trees shall be minimum size as specified in the Arizona nursery association "recommended tree specifications" latest edition. 11-33-2(B)2
- All landscape material installed shall be maintained by owner/leasee in accordance with the approved landscape plan 11-33-3(I) 2&3
- All trees and shrubs located in the line-of-sight will be maintained for a clear area between 3'-7' and show line of sight on landscape plans.
- required landscape areas shall be free from encroachment by any use, structure, vehicle, or feature not a part of the landscaping design 11-33-3-(A)
- Backflow preventers 2" or larger shall be screened with landscape material located within a 6' radius of the backflow preventers (all backflow preventers less than 2" shall be placed in a wire mesh basket and painted green. (The Police Department's Crime Prevention Division has requested the change to green to discourage theft.)



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LANDSCAPE ARCHITECT
 AARON J. HILLMAN
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 EXPIRES 09/30/27

Longbow Hotel and Retail Development
 Longbow Parkway, Mesa, Arizona

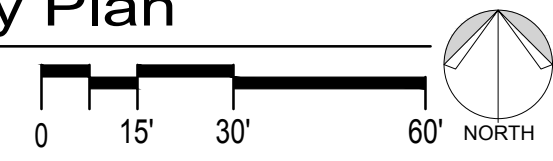
Planting Plan

L-1



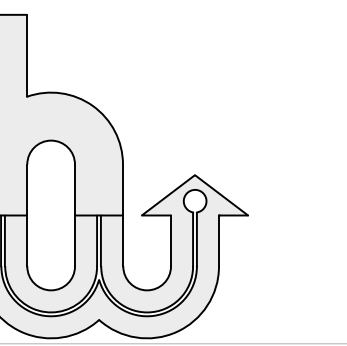
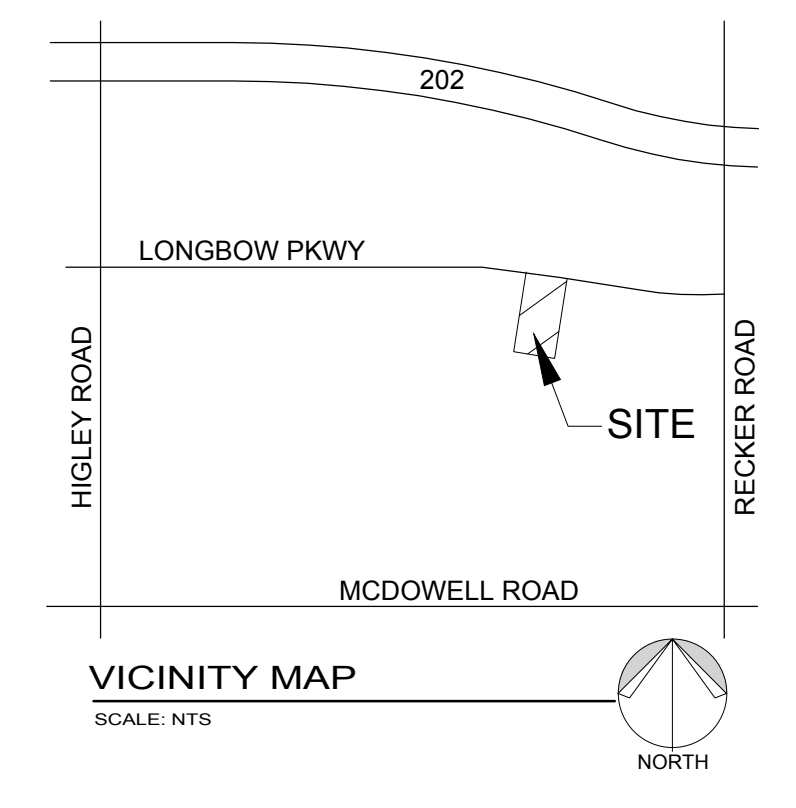
Pedestrian Shade Study Plan

SCALE: 1"=30'-0"

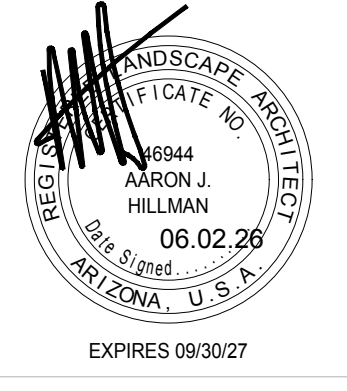


PEDESTRIAN SHADE REQUIREMENT	
	PEDESTRIAN WALKWAYS AND TRAILS: 12,475 SF
	SHADE REQUIRED: 50% (6,237.5 SF)
	SHADE PROVIDED: 69.8% (8,702 SF)

- SHADE CALCULATION NOTES**
- PER MZO SECTION 11-30-8.E, A MINIMUM OF 50% OF THE REQUIRED PEDESTRIAN WALKWAYS SURFACE AREA SHALL BE SHADED EITHER BY STRUCTURES OR TREE CANOPY.
 - SHADE COVERAGE SHOWN IS MEASURED AT 3:00PM ON THE SUMMER SOLSTICE.
 - TREE CANOPIES PROVIDED ARE FOR THE PROJECTED GROWTH FIVE YEARS AFTER PLANTING.



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REVISIONS

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Longbow Parkway, Mesa, Arizona

DATE: 06.02.26

Pedestrian
Shade Study